5.7.16 Other Major Appliance Efficiencies

Residential Appliance Type	Efficiency Parameter (1)	2003 Stock Efficiency	2007 U.S. Average New Efficiency	2008 Best Available New Efficiency	
Dishwashers	EF	0.40	0.60	1.39	
Clothes Washers (2)	MEF	0.92	1.66	2.79	
Commercial Appliance Type	**Efficiency Parameter (1)**	**2005 Stock Efficiency**	**U.S. Average New Efficiency**	**2001 Best Available New Efficiency**	
Cooking Equipment:					
Electric Appliances	EF	0.71			
Gas Appliances	EF	0.51			
Laundry Equipment:					
Electric Drying	EF/COP			0.98	(3)
Gas Drying	EF			0.36	(3)
Motors	EF			0.65	(3)
Office Equipment:					
Linear Power Supplies	EF			0.30 - 0.60	(3)
Switching Power Supplies	EF			0.80 - 0.95	(3)
Motors	EF			0.60 - 0.70	(3)

Note(s): 1) EF = Energy Factor. MEF = Modified Energy Factor. COP = Coefficient of Performance. 2) EF does not include remaining moisture content (RMC) of clothes. MEF includes RMC which shows how much the clothes dryer will be needed. 3) 1992.

Source(s): AHAM, Efficiency and Consumption Trends 2008; AHAM, AHAM 2005 Fact Book, 2006, Tables 21, p. 44 and Table 22, p. 45 for residential efficiencies; DOE/EPA, ENERGY STAR Appliances, www.energystar.gov, Jan. 2009 for best-available dishwashers and clothes washers; EIA/Navigant Consulting, EIA - Technology Forecast Updates - Residential and Commercial Building Technologies - Reference Case, Sept. 2004, p. 34-37 for residential stock; EIA, Supplement to the AEO 2006, Feb. 2006, Table 22 for average cooking efficiency; and BTS/OBE, Characterization of Commercial Building Appliances, Aug. 1993 for commercial efficiencies.